

Recombinant Human MAP1LC3A protein, GST-tagged

Cat. No. MAP1LC3A-301446H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP1LC3A (1-121 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Phe121
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MPSDRPFKQRRSFADRCKEVQQIRDQHPSKIPVIERYKGKQLPVLDKTKFLVPDH VNMSSELVKII RRRLQLNPTQAFFLLVNQHSMVSVSTPIADIYEQEKDEDGFLYMVYAS QETFGF
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	MAP1LC3A microtubule-associated protein 1 light chain 3 alpha [Homo sapiens]
Official Symbol	MAP1LC3A
Synonyms	MAP1LC3A; microtubule-associated protein 1 light chain 3 alpha; ATG8E; LC3; LC3A; MAP1ALC3; MAP1BLC3;
Gene ID	8199
MIM	601242
UniProt ID	Q9H492

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